

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P635389

Luminaire Tested: GWS-SA3D-760-U-SL2-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P635389
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-28)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3D-760-U-SL2-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 5700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10425.4 lumens
Efficiency: N/A
Efficacy: 86.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G1

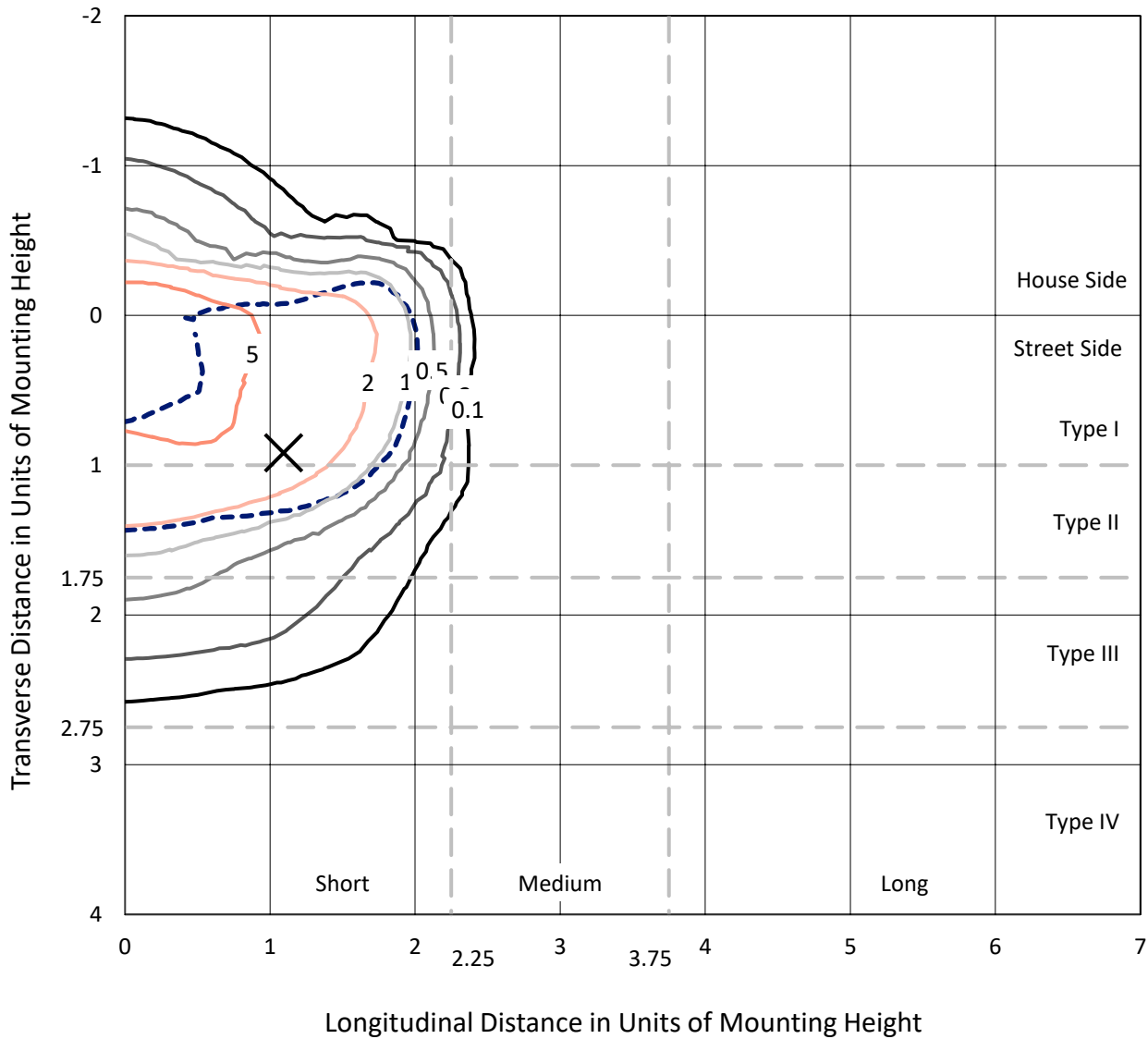
Input Watts (W): 120.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P635389
 CATALOG NUMBER: GWS-SA3D-760-U-SL2-W-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

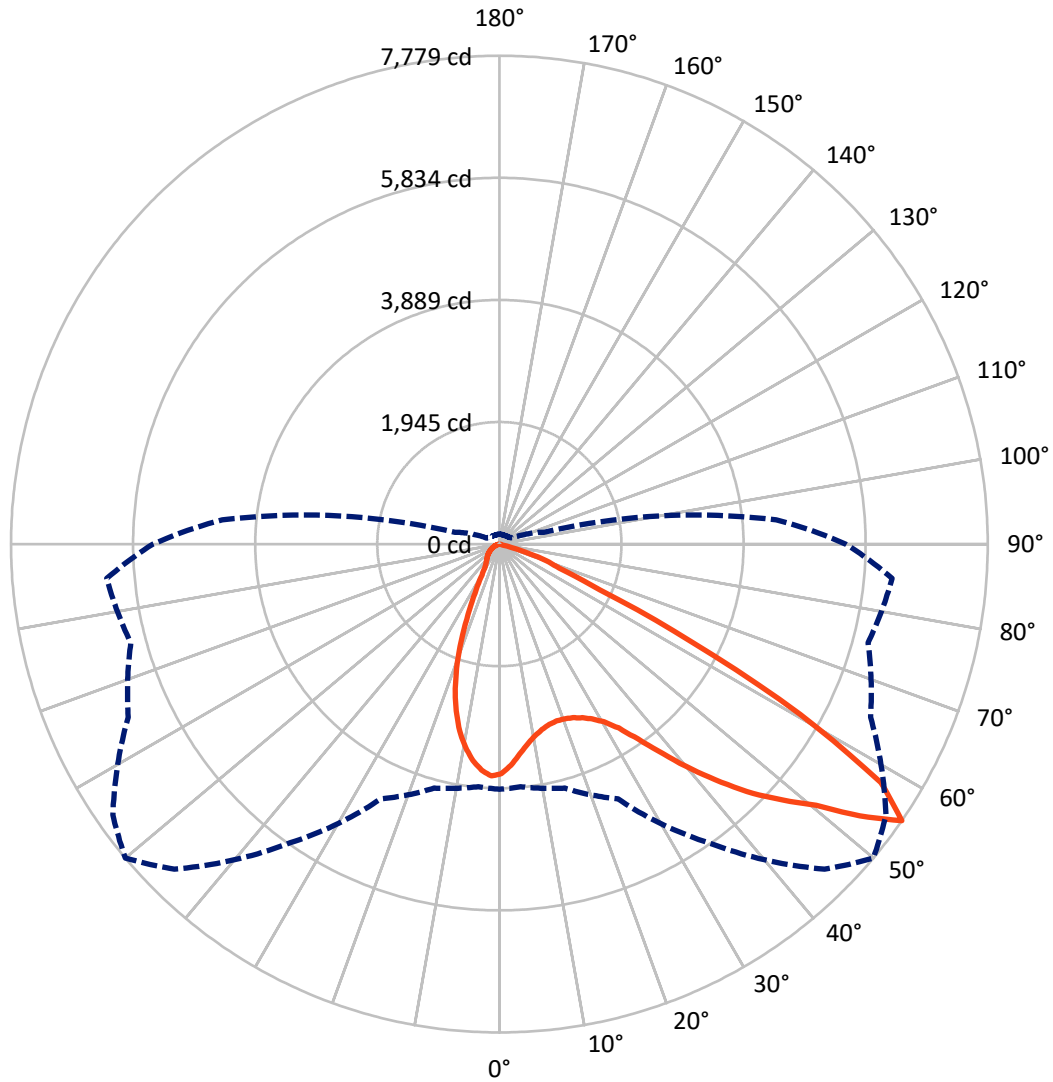
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 9.1 fc
 Type II - Short - N/A

REPORT NUMBER: P635389
CATALOG NUMBER: GWS-SA3D-760-U-SL2-W-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 50-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

REPORT NUMBER: P635389
 CATALOG NUMBER: GWS-SA3D-760-U-SL2-W-GRSBK

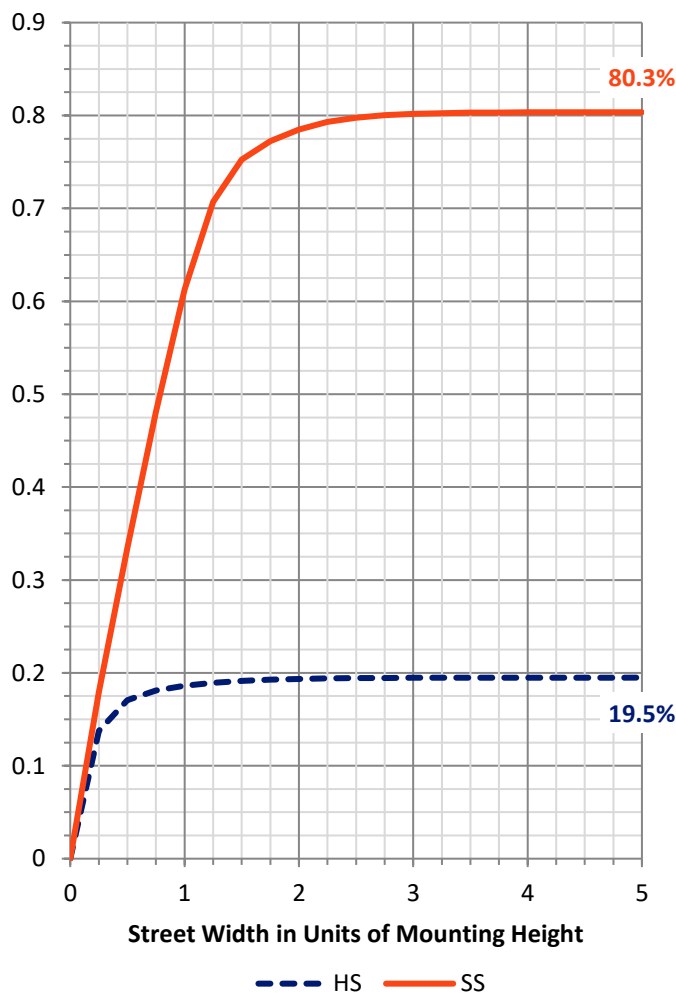
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2054.3	0.0	2054.3
	% Fixture	19.7	0.0	19.7
Street Side	Lumens	8371.1	0.0	8371.1
	% Fixture	80.3	0.0	80.3
Total	Lumens	10425.4	0.0	10425.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	321.2	3.1
10°-20°	790.5	7.6
20°-30°	1115.0	10.7
30°-40°	1650.0	15.8
40°-50°	2380.4	22.8
50°-60°	2807.9	26.9
60°-70°	1252.6	12.0
70°-80°	107.7	1.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10425.4	100.0
0°-180°	10425.4	100.0

Coefficient of Utilization



REPORT NUMBER: P635389

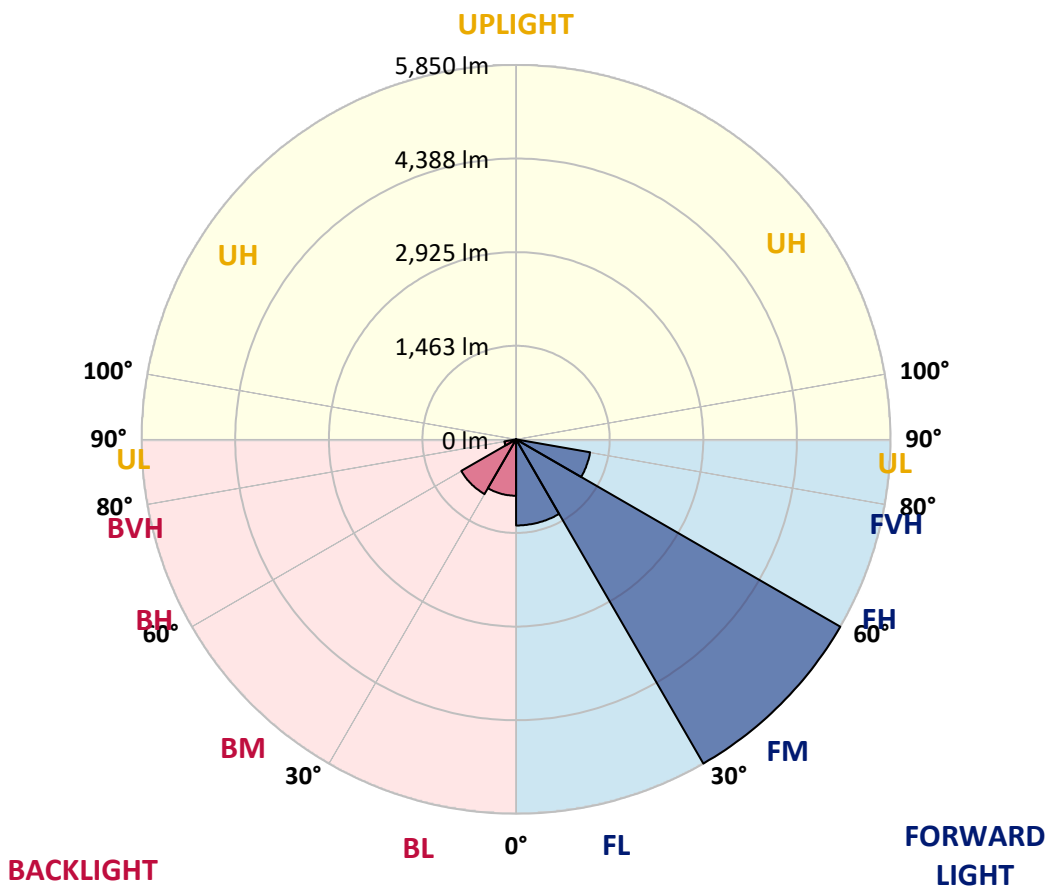
CATALOG NUMBER: GWS-SA3D-760-U-SL2-W-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1346.0	12.9			
FM (30°-60°)	5850.4	56.1			
FH (60°-80°)	1174.8	11.3			G1/1800
FVH (80°-90°)	0.0	0.0			G0/10
BL (0°-30°)	880.8	8.4	B2/1000		
BM (30°-60°)	988.0	9.5	B1/1000		
BH (60°-80°)	185.5	1.8	B1/500		G1/500
BVH (80°-90°)	0.0	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type II Short





REPORT NUMBER: P635389

CATALOG NUMBER: GWS-SA3D-760-U-SL2-W-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	50°	55°	65°	75°	85°
0°	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8
2.5°	3398.2	3400.7	3402.0	3436.4	3449.1	3500.0	3526.7	3540.7	3577.6	3620.9	3656.5
5°	3170.4	3166.5	3172.9	3216.2	3244.2	3319.3	3360.0	3388.0	3469.4	3571.3	3656.5
7.5°	2971.8	2979.4	2987.1	3034.2	3076.2	3157.6	3216.2	3258.2	3371.4	3522.9	3666.7
10°	2831.8	2831.8	2843.3	2896.7	2946.4	3046.9	3105.4	3158.9	3293.8	3479.6	3678.2
12.5°	2728.7	2730.0	2744.0	2805.1	2862.4	2966.7	3027.8	3080.0	3228.9	3436.4	3680.7
15°	2680.4	2676.5	2688.0	2752.9	2816.5	2914.5	2978.2	3029.1	3183.1	3412.2	3693.4
17.5°	2667.6	2665.1	2674.0	2737.6	2802.5	2898.0	2960.4	3011.3	3176.7	3419.8	3731.6
20°	2704.5	2699.4	2695.6	2750.4	2811.4	2905.6	2970.5	3027.8	3207.3	3461.8	3790.2
22.5°	2792.4	2792.4	2783.4	2810.2	2850.9	2936.2	3003.6	3078.7	3287.4	3545.8	3876.7
25°	2954.0	2941.3	2924.7	2936.2	2931.1	2984.5	3064.7	3169.1	3438.9	3684.5	3982.4
27.5°	3138.5	3150.0	3122.0	3123.3	3078.7	3059.6	3152.5	3310.4	3664.2	3880.5	4138.9
30°	3389.3	3380.4	3381.6	3377.8	3274.7	3184.4	3284.9	3494.9	3948.0	4179.6	4342.5
32.5°	3585.3	3598.0	3640.0	3664.2	3529.3	3384.2	3491.1	3745.6	4271.3	4520.7	4592.0
35°	3792.7	3815.6	3900.9	3979.8	3866.5	3699.8	3814.4	4077.8	4575.4	4858.0	4878.4
37.5°	4011.6	4057.4	4159.3	4298.0	4280.2	4132.5	4236.9	4468.5	4814.7	5061.6	5115.1
40°	4262.4	4306.9	4473.6	4673.4	4715.4	4682.4	4716.7	4851.6	4972.5	5070.5	5216.9
42.5°	4537.3	4598.4	4809.6	5076.9	5234.7	5264.0	5183.8	5169.8	5041.3	4968.7	5195.3
45°	4861.8	4933.1	5172.4	5518.5	5769.3	5808.7	5670.0	5490.5	5084.5	4893.6	5130.4
47.5°	5225.8	5293.3	5531.3	5947.4	6320.3	6335.6	6093.8	5804.9	5213.1	4980.2	5180.0
50°	5348.0	5390.0	5596.2	6084.9	6772.2	6889.3	6539.3	6158.7	5471.4	5234.7	5421.8
52.5°	4928.0	4944.5	5124.0	5617.8	6680.5	7432.7	7189.6	6686.9	5930.9	5622.9	5794.7
55°	3904.7	3878.0	4023.1	4476.2	5806.2	7322.0	7778.9	7516.7	6522.7	6078.5	6279.6
57.5°	2731.3	2699.4	2666.4	2973.1	4332.4	6207.1	7168.0	7632.5	7086.5	6530.3	6802.7
60°	2245.1	2214.5	2054.2	1912.9	2619.3	4457.1	5505.8	6380.2	7040.7	6507.4	6786.2
62.5°	1939.6	1921.8	1856.9	1664.7	1541.3	2544.2	3447.8	4285.3	5402.7	5110.0	5125.3
65°	1523.5	1518.4	1562.9	1583.3	1363.1	1407.6	1758.9	2227.3	2920.9	2754.2	2611.6
67.5°	1041.1	1029.6	1113.6	1369.5	1310.9	1111.1	1029.6	1038.5	1263.8	772.5	613.5
70°	661.8	635.1	636.4	848.9	1066.5	876.9	794.2	698.7	628.7	114.5	129.8
72.5°	423.8	407.3	350.0	383.1	493.8	427.6	431.5	371.6	248.2	61.1	71.3
75°	178.2	164.2	126.0	100.5	99.3	62.4	54.7	50.9	34.4	34.4	36.9
77.5°	1.3	0.0	0.0	1.3	2.5	1.3	1.3	2.5	5.1	7.6	8.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P635389

CATALOG NUMBER: GWS-SA3D-760-U-SL2-W-GRSBK

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8	3657.8
2.5°	3678.2	3647.6	3682.0	3694.7	3693.4	3694.7	3657.8	3632.4	3631.1	3599.3	3584.0
5°	3692.2	3668.0	3693.4	3676.9	3637.4	3587.8	3521.6	3464.4	3438.9	3402.0	3384.2
7.5°	3718.9	3693.4	3689.6	3623.4	3525.4	3421.1	3304.0	3199.6	3143.6	3076.2	3080.0
10°	3738.0	3708.7	3659.1	3524.2	3361.3	3194.5	3020.2	2864.9	2766.9	2676.5	2661.3
12.5°	3745.6	3702.4	3586.5	3382.9	3153.8	2936.2	2680.4	2458.9	2306.2	2187.8	2171.3
15°	3759.6	3689.6	3493.6	3212.4	2898.0	2590.0	2264.2	1961.3	1758.9	1622.7	1634.2
17.5°	3781.3	3675.6	3389.3	3021.4	2623.1	2187.8	1747.5	1400.0	1214.2	1135.3	1136.5
20°	3811.8	3659.1	3274.7	2811.4	2293.4	1733.5	1221.8	959.6	907.5	904.9	901.1
22.5°	3852.5	3642.5	3152.5	2581.1	1902.7	1214.2	813.3	731.8	753.5	795.5	803.1
25°	3900.9	3622.2	3016.4	2321.4	1476.4	796.7	609.6	596.9	649.1	705.1	717.8
27.5°	3976.0	3612.0	2861.1	2026.2	1036.0	571.5	498.9	506.5	553.6	600.7	612.2
30°	4103.3	3631.1	2691.8	1695.3	665.6	455.6	432.7	444.2	469.6	493.8	504.0
32.5°	4276.4	3687.1	2527.6	1333.8	474.7	395.8	390.7	397.1	407.3	421.3	425.1
35°	4478.7	3783.8	2358.4	954.5	392.0	361.5	356.4	356.4	361.5	364.0	365.3
37.5°	4645.4	3885.6	2199.3	635.1	351.3	334.7	327.1	323.3	322.0	324.5	325.8
40°	4718.0	3927.6	2026.2	462.0	322.0	310.5	299.1	287.6	287.6	296.5	297.8
42.5°	4667.1	3880.5	1826.4	381.8	301.6	285.1	267.3	257.1	262.2	271.1	273.6
45°	4558.9	3764.7	1606.2	337.3	281.3	259.6	239.3	232.9	238.0	249.5	252.0
47.5°	4541.1	3688.4	1342.7	308.0	259.6	238.0	216.4	210.0	216.4	225.3	227.8
50°	4718.0	3754.5	1050.0	282.5	239.3	215.1	197.3	190.9	194.7	199.8	202.4
52.5°	5041.3	4000.2	847.6	258.4	215.1	192.2	180.7	173.1	173.1	178.2	179.5
55°	5518.5	4429.1	731.8	230.4	187.1	174.4	164.2	156.5	156.5	159.1	160.4
57.5°	6068.4	4948.4	758.5	193.5	164.2	157.8	148.9	142.5	145.1	145.1	145.1
60°	5992.0	4910.2	812.0	162.9	145.1	142.5	134.9	132.4	138.7	133.6	131.1
62.5°	4413.8	3391.8	425.1	133.6	124.7	122.2	117.1	122.2	131.1	117.1	112.0
65°	2143.3	1641.8	170.5	109.5	105.6	103.1	100.5	108.2	113.3	91.6	86.5
67.5°	504.0	409.8	110.7	92.9	87.8	82.7	85.3	86.5	82.7	62.4	59.8
70°	131.1	128.5	86.5	77.6	70.0	64.9	64.9	63.6	54.7	39.5	36.9
72.5°	71.3	70.0	62.4	58.5	48.4	43.3	44.5	39.5	30.5	22.9	21.6
75°	35.6	38.2	35.6	33.1	26.7	24.2	24.2	21.6	15.3	8.9	8.9
77.5°	7.6	8.9	8.9	7.6	6.4	5.1	5.1	6.4	2.5	0.0	0.0
80°	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)